

Franklin County, KS
Well: McCoy # 4
Lease Owner:TDR

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
7/25/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
36	Soil-Clay	36
24	Shale	60
5	Lime	65
4	Sand	69
15	Lime	84
7	Shale	91
11	Lime	102
3	Sand	105
3	Shale	108
17	Lime	125
40	Shale	165
20	Lime	185
9	Sand	194
67	Shale	261
22	Lime	283
24	Shale	307
7	Lime	314
20	Shale	334
2	Lime	336
19	Shale	355
3	Lime	358
2	Shale	360
6	Lime	366
3	Shale	369
9	Lime	378
2	Shale	380
12	Lime	392
5	Shale	400
24	Lime	424
5	Shale	429
4	Lime	433
3	Shale	436
6	Lime	442
4	Shale	446
126	Sandy Shale	572
4	Sand	576
2	Sandy Shale	578
49	Shale	627
6	Lime	633
10	Shale	643

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times .14 \times h$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave

* d - Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

Log Book

Well No. 4

Farm McCoy

KS Franklin
(State) (County)

32 15 21
(Section) (Township) (Range)

For Triple T Oil
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
36	soil / clay	36	
24	shale	60	
5	Lime	65	
4	sand	69	
15	Lime	84	gray, no oil
7	shale	91	
11	Lime	102	Dark
3	sand	105	
3	shale	108	gray, no oil
17	Lime	125	
40	shale	165	
20	Lime	185	
9	sand	194	
67	shale	261	gray, no oil
22	Lime	283	
24	shale	307	
7	Lime	314	
20	shale	334	
2	Lime	336	
19	shale	355	
3	Lime	358	
2	shale	360	
6	Lime	366	
3	shale	369	
9	Lime	378	
2	shale	280	
12	Lime	390	

Thickness of Strata	Formation	Total Depth	Remarks
8	shale	400	
24	Lime	424	
5	shale	429	
4	Lime	433	
3	shale	436	
6	Lime	442	Hardness
4	shale	446	
126	sandy shale & shak	572	
4	sand	576	
2	sandy shale	578	gray, no oil
49	shale	627	
6	Lime	633	
10	shale	643	
2	lime & shale	646	
5	shale	651	
5	lime & shale	656	
14	shale	670	
2	Lime	672	
9	shale	681	
10	lime & shale	691	
3	Lime	694	
17	shale	711	
2	Lime	713	
6	shale	719	
2	Buckan sand	721	no oil
3	Buckan sand	724	dark, 20% - 30% oil
2	sand	726	50% - 60% oil, slight bleed

Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number _____
Location _____
Foreman _____

Field Ticket & Treatment Report Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
7-28-14	TDR	McCoy # 4	32	15	21	
Customer			Mailing Address			
			City	State	Zip Code	

Job Type long string Hole Size 5 5/8 Hole Depth 820 Casing Size & Weight 2 7/8
 Casing Depth 794 Drill Pipe _____ Tubing _____ Other _____
 Displacement _____ Displacement PSI _____ Mix PSI _____ Rate _____

Remarks _____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	136	Cement		1156
		Gel		
		Plug		25
			Sales Tax	
			Estimated Total	2281

Authorization [Signature] Title _____ Date 7-28-14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.